

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Christophe Beraud et al.

Application No.: To Be Assigned

Filed: Herewith

For: NOVEL MOTOR PROTEINS AND
METHODS FOR THEIR USE

Customer No.: 20350

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

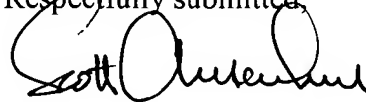
The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/594,655, filed June 15, 2000 (Attorney Docket No. 20552-001400US), with the exception of reference numbers AI, AR, AU-AV, and AY, which can be found in Application No. 09/883,096, filed June 15, 2001. Also a copy of the Search/Examination report corresponding to the PCT application can be found in Application No. 09/883,096, filed June 15, 2001. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference

should be made that the information and references cited are prior art merely because they are in this statement.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Scott Ausenhus", written over the typed name.

Scott L. Ausenhus
Reg. No. 42,271

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| | | | | Application Number | Not Yet Assigned |
| | | | | Filing Date | Herewith |
| | | | | First Named Inventor | Beraud, Christophe |
| | | | | Group Art Unit | |
| | | | | Examiner Name | Unassigned |
| Sheet | 1 | of | 3 | Attorney Docket Number | 020552-001412US |

| U.S. PATENT DOCUMENTS | | | | | | |
|------------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner Initials * | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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Sheet **2** of **3**

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| Application Number | Not Yet Assigned |
| Filing Date | Herewith |
| First Named Inventor | Beraud, Christophe |
| Group Art Unit | |
| Examiner Name | Unassigned |
| Attorney Docket Number | 020552-001412US |

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| | AA | AHN et al., "The Structural and functional diversity of dystrophin," <u>Nature Genetics</u> , 3:283-291 (1993). | |
| | AB | BURGESS et al., "Possible Dissociation of the Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast) Growth Factor-1 from Its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue," <u>J. Cell Biol.</u> , 111:2129-2138 (1990). | |
| | AC | BORK, P., "Powers and pitfalls in sequence analysis: the 70% hurdle," <u>Genome Research</u> , 10:398-400 (2000) | |
| | AD | BOWIE et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," <u>Science</u> , 247:1306-1310 (1990). | |
| | AE | CAWTHON et al., "cDNA Sequence and Genomic Structure of <i>EV12B</i> , a Gene Lying within an Intron of the Neurofibromatosis Type 1 Gene," <u>Genomics</u> , 9:446-460 (1991). | |
| | AF | DEBERNARDI et al., "Identification of a Novel Human Kinesin-Related Gene (HK2) by the cDNA Differential Display Technique," <u>Genomics</u> , 42:67-73 (1997). | |
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| | AK | HIROKAWA et al., "Kinesin and Dynein Superfamily Proteins and the Mechanism of Organelle Transport," <u>Science</u> , 279:519-526 (1998). | |
| | AL | LAZAR et al., "Transforming Growth Factor α : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," <u>Mol. and Cellular Biol.</u> , 8(3):1247-1252 (1988). | |
| | AM | NAGAI et al., "Identification of the full-length <i>KIAA0591</i> gene encoding a novel kinesin-related protein which is mapped to the neuroblastoma suppressor gene locus at 1p36.2," <u>Int. J. Oncology</u> , 16:907-916 (2000). | |
| | AN | PEREIRA et al., "Mitochondrial association of a plus end-directed microtubule motor expressed during mitosis in <i>Drosophila</i> ," <u>J. Cell Biol.</u> , 136:1081-1090 (2000). | |

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| Examiner Signature | | Date Considered | |
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Sheet **3** of **3**

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| First Named Inventor | Beraud, Christophe |
| Group Art Unit | |
| Examiner Name | Unassigned |
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|------------------------|--------------------------|--|----------------|
| | AO | PURNELLE et al., Genbank Accession # AL023587. Direct Submission, S. pombe chromosome II cosmid c649 (1988). | |
| | AP | REIGER et al., <i>Glossary of Genetics and Cytogenetics: Classical and Molecular, 4th edition</i> , Springer-Verlag, Berlin, pages 17-18 (1976). | |
| | AQ | RIEGER et al., Genbank Accession #Z72739; Y3135. Direct Submission, S. cerevisiae chromosome VII (1996). | |
| | AR | SAKOWICZ et al., "A Marine Natural Product Inhibitor of Kinesin Motors," <i>Science</i> , 280:292-295 (1998). | |
| | AS | SIPPEL et al., "Site-directed Mutagenesis within an Ectoplasmic ATPase Consensus Sequence Abrogates the Cell Aggregating Properties of the Rat Liver Canalicular Bile Acid Transporter/Ecto-ATPase/Cell CAM 105 and Carcinoembryonic Antigen*," <i>J. Biol. Chem.</i> , 27(51):33095-33104 (1996). | |
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| | AU | SUGANO et al., GenBank Accession #AW154058, "cloned polynucleotide sequence encodes a kinesin that has an amino acid sequence that is 100% identical to SEQ ID BO: 2," (1999) | |
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| | AW | WOEHLKE et al., "Microtubule Interaction Site of the Kinesin Motor," <i>Cell</i> , 90:207-216 (1997). | |
| | AX | WOOD et al., Genbank Accession #Z97211. Direct Submission. S. pombe chromosome II cosmid c2F12 (1997). | |
| | AY | Genbank Accession #BG420786, NIH-MGC http://mgc.nci.nih.gov/ . "polynucleotide sequence comprises a sequence that is greater than 60% identical to SEQ ID NO: 1 (1999). | |
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